

ANA BROADCASTER

OUR SIXTY SECOND YEAR

Art Schultz W9BR
EditorWm. Lueth W9AI
Publisher

ILL TIMES: 2nd. and 4th Fridays each Month.

Newsletter #1

U. C. Missions Bldg. Burnham Hall.

January 1978.

222 S. Downey Ave. 8:00 P. M.

MEETING: January 13, 1978.

Election of Officers for 1978. Followed by a short program to be announced.

We strongly urge everyone to attend this meeting and vote for their favorite officers

Following are the slates submitted by the nominating committee and a group of five members in good standing.

Committee Selection

Pres. Cary Carender WB9LID
 V. Pres. Gene VanSickle W9KJF
 Secty. Art Schultz W9BR
 Treas. Bill Lueth W9AI
 Ch. Opr. Ron Cooper WB9DKL.
 Director, Byron Fortner W9FYM.
 Director, Harold Trosper W9NGS.

Group Selection

Pres. Cary Carender. WB9LID
 V. Pres G. Lucas. W9BS.
 Secty. Pete Ryza WB9QWU.
 Treas. Bill Lueth. W9AI.
 Ch. Opr. Ron Cooper WB9DKL.
 Director, Mike Williams K9QHO.
 Director. Henry Peterson W9ZRK.

PROGRAM REVIEW The December 9th. meeting was cancelled due to the bad weather and ice covered roads. This was to be election night, therefore to assure everyone an opportunity to attend and vote, Pres Williams postponed this business till the 13th January meeting. About 25 members attended the Dec. 23rd. Xmas party. The main event was the exchange of gifts consisting of any ham shack goodies or other useful devices. All had a ball at this impromptu gathering. Our Ch. Opr. Harold McGee, W9LZ treated us to a delicious round of home made Xmas goodies, a nice departure from our usual diet of donuts and java. The IRC officers all hope that everyone had a joyful Xmas and extend their best wishes for a fruitful and Happy New Year.

NEW IRC CALL DIRECTORY Our handsome directory is being well accepted, and the various sales outlets report a brisk business and several stock replenishments already required. Our last financial report on this project indicated that we will just about come out even on this project. Again, all members are entitled to a free copy; pick one up at a future Club meeting, This issue consisted of one Kilocopies, so there should be enough to satisfy the demand.

CB Band Changes The radio rulings of foreign countries often has an ultimate effect on our own laws. Australia has opened up 40 new CB channels simplex type in the 470 Mhz. region effective Jan 1, 1978. All new licenses will require this band operation, while the present 27 Mhz band will be phased out over the next several years. Who Knows, we may eventually lose one of our bands and get the old 11 meter band back...

W9GRRER- The 20 meter band especially is often badly torn up by a high powered pulsed and broadband operation reported to be originating in the USSR and is some kind of low level surveillance Radar or guided missile Beacon. These emissions are also radiated all over the commercial communications bands as well causing so much that Professional Radio Ops. from

a dozen countries have banded together and threaten to boycott communications with all Russian shipping as well as Marine Navigational Services. 160 Meter Bufts A new Kilowatt linear amp covering 160 thru 10 will be unveiled at SAROC. It is by Kenwood, their Model TL-922 for all modes at one Kilodollars.

NEW GROUP Like the hams who have CBers in their midst, the CBers have their 49 MHzers. this is a No License, Know nothing outfit permitted to operate from 49.82 to 49.9 Mhz. This group calls itself the "49 Mhz Radio club" who are busy with various public service plans, emergency and operating skill awards since they are permitted a maximum of 100 milliwatts Input and the antenna may be only 1 meter long and built in. (How soon will they be modifying CB gear and going illegal 5 watts ?)

STATE OF THE ART The ultimate in luxury will be Automatic Tuning of the short wave bands. You simply sit back after turning on the ATU and it will tune your receiver for you sweeping at a variable speed up to 10 minutes per sweep until you hear your t get, Now if we could make a message transducer we could go away and let the rig carry on by itself. One of the most revolutionary systems of communication which we will be concerned with in the near future will be communication and signal exchange or transport by Fiber Optics. Bell Labs and the Govt. are knocking themselves out trying to perfect this system. In its simplest terms, the system employs a very small diameter spun glass filament forming a fiber. Incoherent light ie, light waves moving in all directions will be guided down the tube like water thru a pipe. Glass being relatively inexpensive making very long circuits possible at very low cost. There are numerous problems yet to be solved in this system but it is on the way. These materials are already available to the ham who wants to homebrew his own Fiber Optical Operational line. I'd like to see a professional program on this subject given by IRC. Fiber Optics , Anyone ? The future also has a new COMSAT for the hams. Launch of the second Phase III satellite is under consideration for 1980 or 81. The first Phase launch is set for late 1978 or early 79. Hams are donating bucks for the 2028 Solar Cells needed for the new sputniks, going to AMSAT in Wash. D. C. The Old Earth is slowing down in its orbit one second was added to the last minute of 1977 to bring all world clocks into Universal Coordinated Time agreement.

FOR THE DXer Sunspots are slowly increasing with improving conditions especially on 20. After Jan 9, ten and fifteen will drop off since the MUF will decrease but 20 and the lower freqs will continue in fine style a prime time for low freq Dxing. Also watch the long paths from Asia and Pacific, some juicy surprises lurk here especially on 20 with daylight paths best Sp (short path). Clipperton again a possibility with a group from Texas planning a junket there this spring. 824 from Neutral Zone, Saudi Arabia, promised by a European group for late February. A mad hornets nest was opened up when it was proposed to drop all DXCC countries which have been inactive more than 10 years. This is a defective proposal since Bouvet and Iraq have had recent activity after years of silence DX certificate hunters have a new one available, WORLD RADIO'S WORKED 100 NATIONS program. starts Jan 1, 1978 details for SASE from World-radio 2120 28th St. Sacramento Cal. 95818.

ATV CLUB MEETING scheduled for Jan 14th. Ft. Benj. Harrison Rec Hall. Three talented speakers, Homebrew Contest, Refreshments, Door prizes, a full evening of entertainment. DONT MISS IT.